LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Dextrose, Monohydrate, FCC Grade, Powder, Kosher, Halal
Item Number: DXMPF
CAS#: 50-99-7
Grade: FCC
Lot Number: 5001696/1.1
Manufacture Date: 07/25/2025
Expiration Date: 07/24/2028
Country of Origin: China

Tested Property	Specification	Analysis
Appearance	White crystal or powder, odorless	Pass
Identification	Red ppt. of Cuprous oxide forms	Pass
Mesh Size	>99% passes 24 Mesh	Conforms
Assay (dextrose, d-glucose)	99.5 - 100.5%	99.8%
Arsenic	≤1 ppm	0.03 ppm
Chloride	≤ 0.018%	<0.01
Lead	≤0.1 ppm	0.03
Sulfur dioxide	≤ 0.002%	0.00036
Loss on drying	≤ 10.0%	8.48%
Specific rotation	+52.6° - +53.2°	52.9°
Residue on ignition	≤0.1%	<0.1%
Starch Iodine Test	The solution is yellow	Pass the test
Total plate count	≤ 1000/g	<1000
Salmonella	Not exist	Conforms
Mold Count	≤ 100/g	<100
E. Coli (nmp/g)	Not exist	Conforms

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Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com,
12501 Pauls Valley Road, Suite A, Austin, Texas 78737,
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Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com,
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